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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (43) International Publication Date:<br><b>8 January 1998 (08.01.98)</b> |                 |  |    |                                     |                                             |  |                                     |                                          |  |                          |                                            |  |                          |                                          |  |
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| (72) Inventors; and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                          |                 |  |    |                                     |                                             |  |                                     |                                          |  |                          |                                            |  |                          |                                          |  |
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| (54) Title: <b>SERINE PROTEASE INHIBITORS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                          |                 |  |    |                                     |                                             |  |                                     |                                          |  |                          |                                            |  |                          |                                          |  |
| (57) Abstract<br><p>Bifunctional serine protease inhibitors and methods of preparing boron-containing peptides are provided. The serine protease inhibitors comprise a catalytic site-directed moiety, which binds to and inhibits the active site of a serine protease, and an exosite associating moiety, which are joined by a connector moiety. The catalytic site directed moiety and the exosite associating moiety are capable of binding simultaneously to a molecule of the serine protease.</p>                                                                                                                                       |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                          |                 |  |    |                                     |                                             |  |                                     |                                          |  |                          |                                            |  |                          |                                          |  |
| <table border="1"> <thead> <tr> <th colspan="2">REPLACED SHEETS</th> <th>SG</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Description : paged ..... to paged ..... 40</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Claim(s) : paged ..... to paged ..... 31</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Drawing(s) : paged ..... to paged ..... ..</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Abstract : paged ..... to paged ..... ..</td> <td></td> </tr> </tbody> </table>                                                        |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                          | REPLACED SHEETS |  | SG | <input checked="" type="checkbox"/> | Description : paged ..... to paged ..... 40 |  | <input checked="" type="checkbox"/> | Claim(s) : paged ..... to paged ..... 31 |  | <input type="checkbox"/> | Drawing(s) : paged ..... to paged ..... .. |  | <input type="checkbox"/> | Abstract : paged ..... to paged ..... .. |  |
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